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🔍 Title: **JP10102391A2: METHOD FOR REMOVING INK**

🔍 Derwent Title: De-inking - comprises removing printed ink peeled from raw used paper, where the removal is carried out for a specific period, etc., having high brightness, etc. [\[Derwent Record\]](#)

🔍 Country: **JP Japan**

🔍 Kind: **A** (See also: [JP3124493B2](#))

🔍 Inventor: **IRINATSU YUICHI;
SAWAI MINORU;
SHIROISHI TAKANOBU;**

🔍 Assignee: **KAO CORP**
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🔍 Published / Filed: **1998-04-21 / 1996-09-27**

🔍 Application Number: **JP1996000256219**

🔍 IPC Code: **D21C 5/02;**

🔍 Priority Number: **1996-09-27 JP1996000256219**

🔍 Abstract: **PROBLEM TO BE SOLVED:** To provide a method for removing ink capable of producing high quality ink-removed paper high in whiteness and little in dullfeeling.

SOLUTION: In the ink removing method composed at least of a process for discharging the ink removed from waste paper raw material, the removal of ink is continued until a ratio of area where ink remains after a ink-removing process becomes $\leq 0.7\%$, and a ratio of the number of the ink particles having particle diameters of 0.4-2 μm in the ink-removed paper to the total member of ink particles becomes $\leq 70\%$ and/or a fine ink-remaining area index calculated from the following equation becomes $\leq 0.25\%$. Fine ink-remaining area index = (ratio of number of particles having particle diameters of 0.4-2 μm to the total) \times (ink remaining area ratio) / 100.

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